# WHITMAR EXPLORATION COMPANY

555 17th Street, Suite 880 Denver, CO 80202-3908 (303) 991-9400 Fax (303) 991-9401

December 18, 2007

Mr. Nathan Sill Bureau of Land Management Price Field Office 125 South 600 West Price, UT 84501

RE: Application for Permit to Drill- WhitMar Exploration Company

34-4, 2151' FEL, 1881' FSL, NW/4 SE/4, Section 34, T13S-R11E, Carbon

County, Utah.

Dear Mr. Sill:

WhitMar Exploration respectfully submits the enclosed original and two copies of the Application for Permit to Drill (APD) for the above referenced well. Please let this application also serve a right-of-way for the pipelines along the access roads to the well sites. Included with the APD is the following supplemental information:

Form 3160-3

Exhibit "A" Well Location Plat

**Drilling Program** 

Exhibit "B" BOP Equipment Diagram

Exhibit "C" Choke Manifold

Surface Use Plan

Exhibit "D" Well Location Map

Exhibit "E" Well Vicinty Map

Exhibit "F" Mile Radius Map

Exhibit "G" Central Facilities Layout

Exhibit "H" not used

Exhibit "I" Water line Map

Exhibit "J" Pipeline Map

Exhibit "K" Pad Construction Data

Exhibit "L" Cut and Fill Data

Exhibit "M" Typical Section

Exhibit "N" Rig Layout

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DIV. OF OIL, GAS & MINING

Please accept this letter as WhitMar's, written request for confidential treatment of all information contained in and pertaining to this application.

Thank you for your timely consideration of this application. Please feel free to contact me with any questions or requests for further information.

Sincerely,

Heather Mitchell

WhitMar Exploration Company

Cc: Diana Mason, DOGM, State Office.

Form 3160-3 (February 2005)			FORM APPR OMB No. 100 Expires March	4-0137	
UNITED STATES DEPARTMENT OF THE INTERIOR DUBEAU OF LAND MANAGEMENT			5. Lease Serial No. UTU 80556		
	BUREAU OF LAND MANAGEMENT  APPLICATION FOR PERMIT TO DRILL OR REENTER				
ta. Type of work:	? /	*	7 If Unit or CA Agreemen N/A	nt, Name and No.	
lb. Type of Well: ☐Oil Well ☐Gas Well ☐Other	Single Zone Multip	ple Zone	8. Lease Name and Well 34-4	No.	
2. Name of Operator WhitMar Exploration Company	/ \		9. API Well No. 43-00	7-31335	
3a. Address 555 17th Street, Suite 880 Denver, CO 80202	303-991-9400		10. Field and Pool, or Explo	• /	
4. Location of Well (Report location clearly and in accordance with any At surface 1881 FSL 2151 FEL 528. At proposed prod. zone Same 438		543 1244	11. Sec., T. R. M. or Blk. an		
14. Distance in miles and direction from nearest town or post office*  8.2 mile NE of wellington			12. County or Parish  Carbon	13. State UT	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig, unit line, if any)	16. No. of acres in lease	17. Spacin	g Unit dedicated to this well		
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.  2809 S & 209W of 34-1	19. Proposed Depth 3000	20. BLM/1 10419	BIA Bond No. on file		
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5936 GL	22 Approximate date work will star 04/15/2008	rt*	23. Estimated duration 10 Days		
	24. Attachments	-	· · · · · · · · · · · · · · · · · · ·		
The following, completed in accordance with the requirements of Onshore  1. Well plat certified by a registered surveyor.  2. A Drilling Plan.  3. A Surface Use Plan (if the location is on National Forest System L SUPO must be filed with the appropriate Forest Service Office).	4. Bond to cover the learn 20 above). ands, the 5. Operator certific	he operatio	is form:  ns unless covered by an exist  ormation and/or plans as may	•	
25. Signature Title	Name (Printed Typed) Heather Mitchell		Date	12/18/2007	
Operations Goordinator  Approved by (Signature)  Name (Printed/Typed)  BRADLEY G. HILL  OI-30-06					
Title	Officenvironmental	MANAC	GER	•	
Application approval does not warrant or certify that the applicant holds conduct operations thereon. Conditions of approval, if any, are attached.	legal or equitable title to those right	ts in the sub	ject lease which would entitle	the applicant to	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a cris States any false, fictitious or fraudulent statements or representations as to	ne for any person knowingly and vany matter within its jurisdiction.	willfully to n	nake to any department or age	ency of the United	

\*(Instructions on page 2)

Federal Approval of this Action is Necessary

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#### Section 34, T.13 S., R.11 E., S.L.B. & M. **PROJECT** Whitmar Excloration Company WELL LOCATION, LOCATED AS SHOWN IN THE N.W. 1/4 OF THE S.E. 1/4 OF SECTION 34, T.13 S., R.11 E., S.L.B. & M. CARBON COUNTY, UTAH (\$89'50'W 2654.52' G.L.O.) N89'43'11"E 2843.84' 589'07'08"W 2654.52' FOUND 1965 B.L.M. BRASS CAP FOUND 1965 B.L.M. **LEGEND** BRASS CAP - SECTION CORNERS LOCATED EXISTING WELL #34-2 = QUARTER SECTION CORNERS LOCATED PROPOSED WELL HEAD EXISTING WELL #34-1 NOOTS 35 W 2872.19 NOTE: THE PURPOSE OF THIS SURVEY WAS TO PLAT THE WHITMAR WELL #34-4 LOCATION. LOCATED IN THE N.W. 1/4 OF THE S.E. 1/4 OF SECTION 34, T.13 S., R.11 E., S.L.B. & M., CARBON COUNTY, UTAH. BASIS OF ELEVATION BASIS OF ELEVATION OF 5850' BEING AT THE SOUTHEAST CORNER OF SECTION 34, T.13 S., R.11 E., S.L.B. & M. AS SHOWN ON THE U.S.G.S. DEADMAN CANYON QUADRANGLE 7.5 MINUTE SERIES MAP AS 5861' 5 5311.68' G.L.O.) 724 E 5311.68' FOUND 1965 B.L.M. BRASS CAP ò NOOTO LESTER & CAROL THAYN SCALE 2151 F.E.L CERTIFICATE THIS IS TO CERTIFY THAT THE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SUPERIOR BY ME OR UNDER MY SUPERVISION, AND THAT SHE SAME ARE TRUE AND CORRECT TO THE MEST OF MY KNOWLEDGE AND BELIEF. -WHITMAR WELL #34-4 UNGRADED GROUND = 5936.57 เพื่ LESTER COROL! WHITMAR WELL #34-3 9/20/07 UNGRADED GROUND = 5911.45 FOUND 1965 B.L.M. BRASS CAP (DISTURBED) FOUND 1965 B.L.M. BRASS CAP Jones & DaMille Engineering 1535 South 100 West - Richfield, Utah 84701 Phone (435) 896-8265 Fax (435) 896-8268 www.jonsonddemills.com NE9'45'07"E 2663.21 N89'45'07"E 2663.21" (N89'45'W 5330.16 G.L.O.) FOUND 1965 B.L.M. BRASS CAP Well Location Plat for BASIS OF BEARINGS Whitmar Exploration Company BASIS OF BEARING USED WAS NOO'08'12"W BETWEEN THE SOUTHEAST CORNER AND THE EAST QUARTER CORNER OF SECTION 34, T.13 S., R.11 E., S.L.B. & M. LATITUDE = 39"39"01.7501" (39.65048614) NAD 83 LONGITUDE = -110"40"19.0556" (-110.67195989) NAD 83 HEET NO. T.R.G. CDS 0708-110 DATE 09/14/07 DWGNAME SCALE WELLLOC344 1"=1000"

Drilling Program
WhitMar Exploration Company
34-4
NW/4 SE/4, Section 34-T13S-11E
2151' FEL, 1881' FSL
Carbon County, Utah

Geologic Surface Formation
 Blue Gate Shale Member of the Mancos Shale

### 2. Estimated Geologic Tops

<u>Marker</u>	Depth (MD)
Mancos Blue Gate Marker	2,200'
Ferron Sandstone	2,500
Total Depth	3,000

### 3. Projected Gas & Water Zones

Ferron coals and sandstones

2,500 to 2,900

No groundwater is expected to be encountered. Water encountered will be reported on a Form 7 "Report of Water Encountered During Drilling."

Casing & cementing will be done to protect potentially productive hydrocarbons, lost circulation zones, abnormal pressure zones, and prospectively valuable mineral deposits. All indications of usable water will be reported.

Surface casing will be tested to 1000 psi.

### 4. The Proposed Casing and Cementing Programs

HOLE	SETTING DEPTH	SIZE	WEIGHT, GRADE	CONDITION
SIZE	(INTERVAL)	(OD)	& JOINT	
17'	50'	12 1/4	Conductor & PE Pipe	New
12-1/4"	350'	8-5/8	24# J-55 ST&C	New
7-7/8"	2900'	5-1/2	15.5# J-55 ST&C	New

Cement Program – Every attempt will be made to bring cement back to surface Surface Casing 200 sacks Howco Premium Plus V + CaCl + Flocele;

Weight: 15.6 #/gal Yield: 1.20 cu. Ft/sk Production Casing: 90 sacks Howco CBM Light LCM

Weight: 10.5 #/gal Yield: 4.59 cu. Ft/sk 80 sacks Howco CBM Light

Weight 13.0 #/gal Yield: 1.99 cu.ft/sk

The following shall be entered in the driller's log:

- 1) Blowout preventer pressure tests, including test pressures and results;
- 2) Blowout preventers tests for proper functioning;
- 3) Blowout prevention drills conducted;
- 4) Casing run, including size, grade, weight and depth set;
- 5) How the pipe was cemented, including amount of cement, type, whether cement circulated, location of the cementing tools, etc.;
- 6) Waiting on cement time for each casing string;
- 7) Casing pressure tests after cementing, including test pressures and result.
- 5. The Operator's minimum Specifications for Pressure Control

See the Schematic diagram of the BOP Equipment, Exhibit "B" and a diagram of Choke Manifold, Exhibit "C". A double gate 2000 psi BOP will be used with a rotating head. This equipment will be tested to 2000 psi. All tests will be recorded in a Driller's Report Book. Physical operation of BOP;s will be checked on each trip.

6. The Type and Characteristics of the Proposed Circulating Muds

0-50'	17" hole	Drill with air
50'-350'	12-1/4" hole	Drill with air, will mud up if necessary.
350'- TD	7-7/8" hole	Drill with air, will mud up if necessary. 500 psi @ 1500-2300 Scf.

If fluid is necessary it will be fresh water + Quick Gel + Pac-R + Therma-Thin + Barolift at  $8.5 - 8.8 \, \#/\text{gal maximum}$ .

### 7. The Testing, Logging and Coring Programs are as follows

350'-TD Neutron-Density, PEX-AITH

### Overpressuring

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well. Bottom hole pressure

expected is 1000 psi max. No hydrogen sulfide or other hazardous gases or fluids have been found, reported or are known to exist at these depths in the area.

### Lost Circulation

Previous drilling records in this area indicate potential lost circulation while drilling or cementing the production casing for the wells. We plan to include lost circulation material in the production cement and have lost circulation material/additives on location while drilling.

### 8. Anticipated Starting Date and Duration of the Operations.

The well will be drilled approximately: May 1, 2008

Verbal and/or written notifications listed below shall be submitted in accordance with instructions from the Bureau of Land Management;

- (A) Prior to beginning construction;
- (B) Prior to spudding;
- (C) Prior to running any casing or BOP tests;
- (D) Prior to plugging the well, for verbal plugging instructions.

Spills, blowouts, fires, leaks, accidents or other unusual occurrences shall be reported to the Bureau of Land Management immediately.

Bureau of Land Management Application for Permit to Drill Company: WhitMar Exploration

Well No. 34-4

Location: Section 34, T13S, RIIE SLB& M

Lease No.: Federal UTU 80556

Onsite Inspection Date: October 24, 2007

### THIRTEEN POINT SURFACE USE PLAN

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

### 1. Existing Roads:

- a. Proposed route to location: From Wellington take HWY 6/HWY 191. Turn left (North) on to East Coal Creek Road and take for +/- 7.89 miles. Turn West on existing lease road and travel +/- .20 miles. Travel on New Road East for +/- .07 miles to location. See exhibit "D."
- b. Location of proposed well in relation to town or other reference point: Approximately 8.2 miles North East of Wellington.
- c. Encroachment permit is already in place for the use of Coal Creek Road.

### 2. Planned Access Roads:

- a. Location: From existing access road turn north east toward location approximately 370'. Planned access begins at a point approximately 2451' FEL and 1811' FSL. See exhibit "E."
- b. Length of new access road to be constructed: Approximately 370'
- c. Length of existing roads to be upgraded: None
- d. Maximum total disturbed width: 60'
- e. Maximum travel surface width: 25'
- f. Maximum grades: 10%
- g. Turnouts: None
- h. Surface materials: Native
- i. Drainage (crowning, ditching, culverts, etc): Roads will be crowned with bar ditches on both sides with approximately 2 culverts placed along the new road.
- j. Cattleguards: No cattleguards or gates are anticipated at this time
- k. Length of new and/or existing road which lie outside the lease boundary for which a BLM right-of-way is required: None
- 1. Other;

Surface disturbance and vehicular travel will be limited to the approved location access road. Any additional area needed must be approved by the area manager in advance.

If a right-of-way is necessary, no surface disturbing activities shall take place on the subject right of way until the associated APD is approved. The holder will adhere to conditions of approval in the Surface Use Program of the approved APD, relevant to any right of way facilities.

If a right-of-way is secured, boundary adjustments in the lease or unit shall automatically amend this right-of-way to include that portion of the facility no longer contained within the lease or unit. IN the event of an automatic amendment to this right-of-way grant, the prior on-lease/unit conditions of approval of this facility will not be affected even thought they would now apply to facilities outside of the lease/unit as a result of the boundary adjustment. Rental fees, if appropriate shall be recalculated based on the conditions of this grand and the regulations in effect at the time of the automatic amendment.

If the well is productive, the access road will be rehabilitated or brought to Resource (Class III) Road Standards within the 60 days of dismantling of the rig. If upgraded, the access road must be maintained at these standards until the well is properly abandoned. If this time frame cannot be met, the Area Manager will be notified so that temporary drainage control can be installed along the access road.

- 3. <u>Location of Existing wells</u>- On a map show the location of all water, injection, disposal, producing and drilling wells within a one mile radius of the proposed well location, and describe the status of each: See Exhibit "F".
- 4. Location of Production Facilities:
  - a. On-site Facilities; See Diagram of Schematic Well Head, Exhibit "G"
  - b. Off-site facilities: See Central Facilities Map, Exhibit "H" attached
  - c. Pipelines: Approximately 370' of pipeline corridor containing 2 (gas and water) 4" pipelines will be installed along the south side of the proposed road in the same trench as the power line. See exhibits "I" & "J"
  - d. Power lines: Approximately 370' of pipeline corridor containing one 3 phase power line will be installed along the south side of the proposed road in the same trench as the pipeline.

All permanent (in place for six months or longer) structures constructed or installed (including oil well pump jacks) will be painted a flat, non-reflective color to match the standard environmental colors, as determined by the Rocky Mountain Five-State Interagency Committee. All facilities will be painted within six months of installation. Facilities required to comply with Occupation Safety and Health Act (OSHA) may be excluded. Colors will be as follows: Olive Black.

All site security guidelines identified in 43 CFR 3163.7-5 and Onshore oil and Gas Order No. 3 Colors will be as follows: olive black

If a gas meter is constructed, it will be located on lease within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and will be buried downstream of the meter until it leaves the pad. Meter runs will be housed and/or fences. The gas meter shall be calibrated prior to the first sales and shall be calibrated quarterly thereafter. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain 1 ½ times the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All oil production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4.

Production facilities on location may include a lined or unlined produced water pit. If water is produced from the well, an application must be submitted.

### 5. Location and Type of Water Supply:

All water needed for drilling purposes will be obtained from (describe location and/or shown on a map). All water needed for drilling will be obtained from a local municipal water source. Since this well will be primarily drilled with air, minimal water will be needed.

### 6. Source of Construction Material:

Pad construction material will be obtained from (if the source is federally owned, show location on a map): Private Owner in Wellington, Utah.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2.

Any gravel will be obtained from a state approved gravel pit.

### 7. Methods of Handling Waste Disposal:

Describe the methods and locations proposed for safe containment and disposal of waste material, e.g. cuttings, produced water, garbage, sewage, chemicals, etc.

The reserve pit will be located inbound and along the Northwest side of the pit.

The reserve pit will be constructed so as not to leak, break or allow discharge.

The reserve pit will be lined and bermed as designated by BLM officers prior to construction. Pit wall will be sloped no greater than 2 to 1.

The reserve pit shall be located in cut material, with at least 50% of the pit volume being below original ground level. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. As soon as the reserve pit has dried, all areas not needed for production will be rehabilitated.

Trash must be contained in a trash cage and hauled away to an approved disposal site as necessary, but no later than at the completion of the drilling operations.

- 8. Ancillary Facilities: Garbage containers and portable toilets.
- 9. Well Site Layout- The pit, rig, cut and fill, topsoil, etc. on a plat with a scale of 1"-50'. See Proposed WhitMar Well #34-4 PL- 01 and CS -01, Typical Road Section and Approximate Layout of Rig & Equipment., Exhibits "K", "L," "M" & "N".

All well, whether drilling, producing, suspended, or abandoned, will be identified in accordance with 43 CFR 3162.6.

Access to the well.pad will be from the: SOUTH WEST

The blooie line will be located: At least 75 feet from the well head.

To minimize the amount of fugitive dust and spray escaping from the blooie pit, the following blooie line deflection will be employed: Water injection.

### 10. Plans for Restoration of the Surface:

The top 6 inches of topsoil material, trees and woody debris, will be removed from the location and stockpiled separately on: Adjacent and undisturbed land in a windrow fashion.

No pad material will be sidecast into the wash to the North or the wash to the East during construction. We will berm around the pad to avoid water from running on and off location.

Topsoil, trees and woody debris will be saved along the access road will be reserved in place adjacent to the road.

Immediately upon the completion of drilling, all equipment that is not necessary for production shall be removed.

The reserve pit and that portion of the location not needed for production will be reclaimed.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry.

Reclaimed roads will have the berms and cuts reduced and will be closed to vehicle use.

All disturbed areas will be re-contoured to replicate the natural slope. Musk Thistle will be sprayed.

The stockpiled topsoil, trees and woody debris will be evenly distributed over the disturbed area.

Prior to reseeding, all disturbed areas, including access roads, will be scarified and left with a rough surface.

Seed will be broadcast or drilled between Sept. and Nov., or at a time specified by the BLM. If seed is broadcast, a harrow or some other implement, will be dragged over the seed area to assure seed coverage.

The following seed mixture will be used: BLM recommended mixture.

The abandonment marker will be one of the following, as specified by the BLM:

- 1) at least four feet above ground level,
- 2) at restored ground level, or
- 3) below ground level.

In any case the marker shall be inscribed with the following: operator name, lease number, well name and surveyed description (township, range, section and either quarter-quarter or footage).

### 11. Surface and Mineral Ownership:

Surface Owner: Lester C. and Carol Lynn Thayn, Trust: 7310 East HWY 6, Wellington, Utah 84542

Surface Representative: Lester Thayn can be reached at 435-637-4512.

Mineral Ownership: Federal: Bureau of Land Management

#### 12. Other Information:

a. Archeological Concerns: An intensive Cultural Resource Survey and Inventory was performed for WhitMar Exploration by Senco-Phenix and was submitted to the BLM archaeologist..

The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO) within five (5) working day, the AO will inform the operator as to:

- 1. Whether the materials appear eligible for the National Register of Historic Places:
- 2. The mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
- 3. a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that the required mitigation has been completed, the operator will then be allowed to resume construction.

- b. Threatened and Endangered Species Concerns: None that the operator is aware of.
- c. Wildlife Seasonal Restrictions (yes/no); See Environmental Impact Statement (EIS).
- d. Off Location Geophysical Testing; N/A
- e. Drainage crossings that require additional State or Federal approval: None
- f. Other:

### 13. Lessee's or Operator's Representative and Certification:

Representative: Whitney Marvin- Landman, President and Chairman WhitMar Exploration Company

555 17<sup>th</sup> Street, Suite 880 Denver, CO 80202

303-991**-**9400 x 106

Heather Mitchell- Operations Coordinator
WhitMar Exploration Company

555 17<sup>th</sup> Street, Suite 880 Denver, CO 80202 303-991-9400 ext. 112

### Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by WhitMar and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with the bond coverage being provided under WhitMar's BLM bond. This statement is subject to the provisions of 18 U.Ş.C. 1001 for the filing of a false statement.

Signature

\_\_ Date:\_\\2

555 17th Street, Suite 880 Denver, CO 80202-3908 (303) 991-9400 Fax (303) 991-9401

January 10, 2008

Diana Mason Department of Natural Resources Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 Salt Lake City, UT 84116

Re: Application for Permit to Drill for 34-4

Dear Ms. Mason:

Please find the enclosed surface agreement for the above referenced well. If you need anything further to approve the permit, please let me know.

Motheoll

Sincerely,

Heather Mitchell

WhitMar Exploration Company

JAN 1 4 2008

DIV. OF OIL, GAS & MINING

# SURFACE DAMAGE RELEASE AND SURFACE RIGHT OF WAY GRANT

IN CONSIDERATION of the sum of Fifteen (\$15.00) per rod for access roads, and \$1,000 per acre used, paid by WHITMAR EXPLORATION COMPANY, hereinafter referred to as "WhitMar", the receipt and sufficiency of which are hereby acknowledged, the undersigned, LESTER C. THAYN and CAROL LYNN THAYNE, husband and wife, hereinafter referred to as the "Surface Owner" being the present owner of all or part of the surface covering the SE/4 of Section 34, Township 13 South, Range 11 East, Carbon County, Utah, does hereby release, acquit, and forever discharge WhitMar Exploration Company, its successors and assigns, of all liability for all damages created or caused by reasons of the clearing, use, and all operations including completing and subsequent operation of a Central Production Facility, which may be constructed by WhitMar and/or an assignee of WhitMar on any of the above described lands.

This release is intended to cover all surface damages to crops, trees, grass and/or other vegetation and soil damage created in the construction and use of a Central Production Facility. Contemporaneously herewith, in consideration of the hereinabove said payment, Surface Owner does hereby grant to WhitMar, its successors and assigns, any surface rights in the SE/4 of Section 34 necessary for the operation of said Production Facility, including but not limited to rights-of-way, right of ingress and egress, easement rights, right to build and use roadways, right to build drilling pad and mud pits, right to drill a water well and/or take water from lakes, ponds, rivers or creeks on the surface. Additionally, the right to place production equipment, including but not limited to: compressors, dehydrators, meters, electrical substations, and other production equipment as may be needed, and the right to lay a pipeline under the surface.

It is understood that WhitMar or its successors and assigns, will have use of the land and an access road to the Production Facility for the life of its gas production in the WhitMar East Helper Field plus two (2) years. Location will be kept clean and free of trash and will be restored to original condition as near as possible after operations cease. The undersigned represents that there is no tenant lessee or authorized persons in possession of the above described lands, other than is indicated below, and further agrees to defend, indemnify and hold WhitMar Exploration Company harmless against any claim or demand for payment of surface damages occasioned by damage to the above described lands, to any third party.

In WITNESS WHEREOF, this instrument has been executed by the undersigned this 12 day of DECEMBER, 2005.

WHITMAR EXPLORATION COMPANY

Jest C Thays LESTER C. THAYN

LESTER C. THAYN

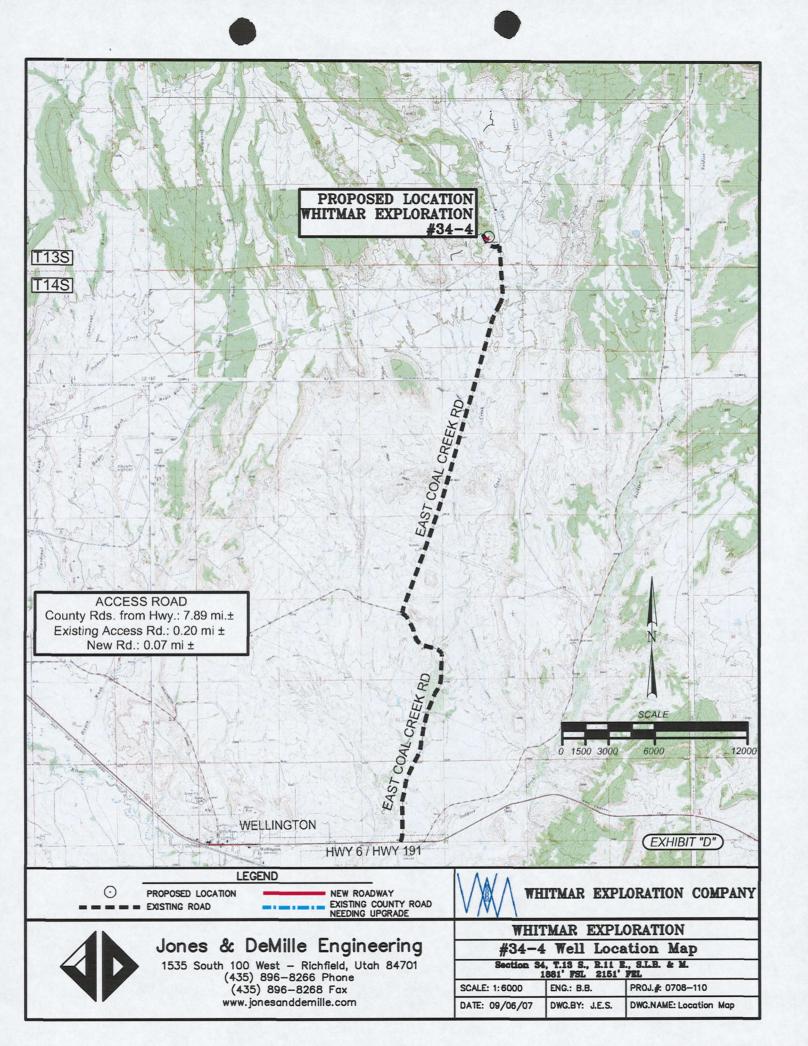
CAROL LYNN THAYN

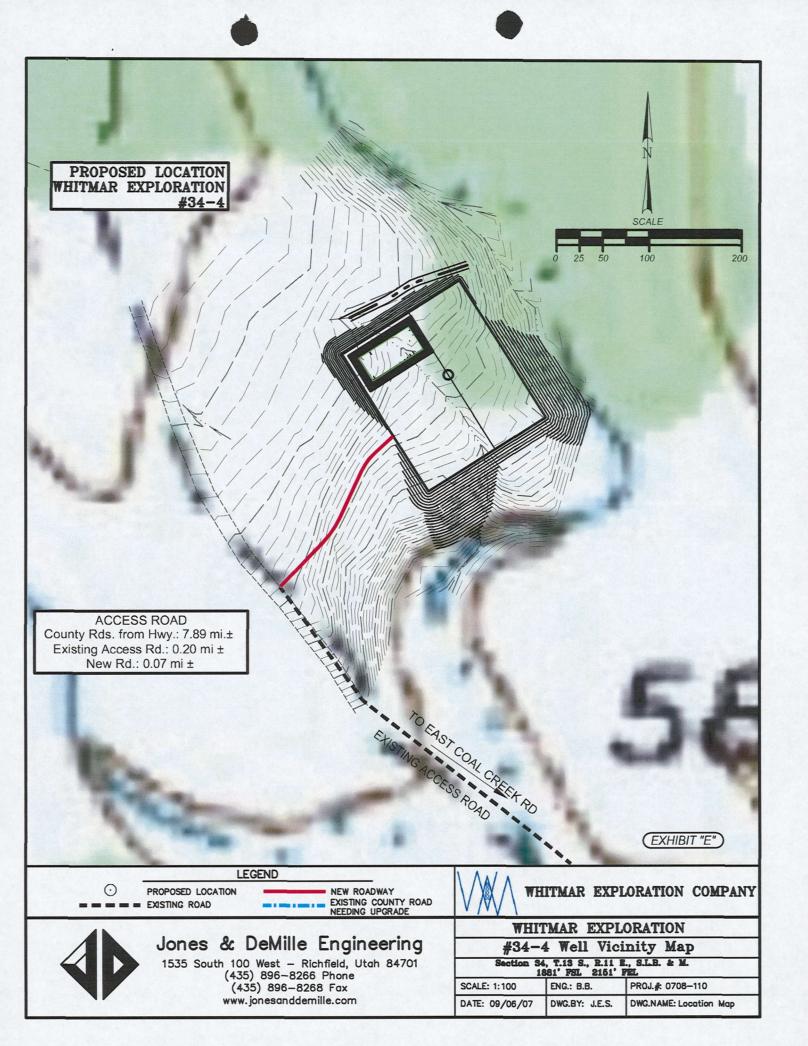
CAROL LYNN THAYN

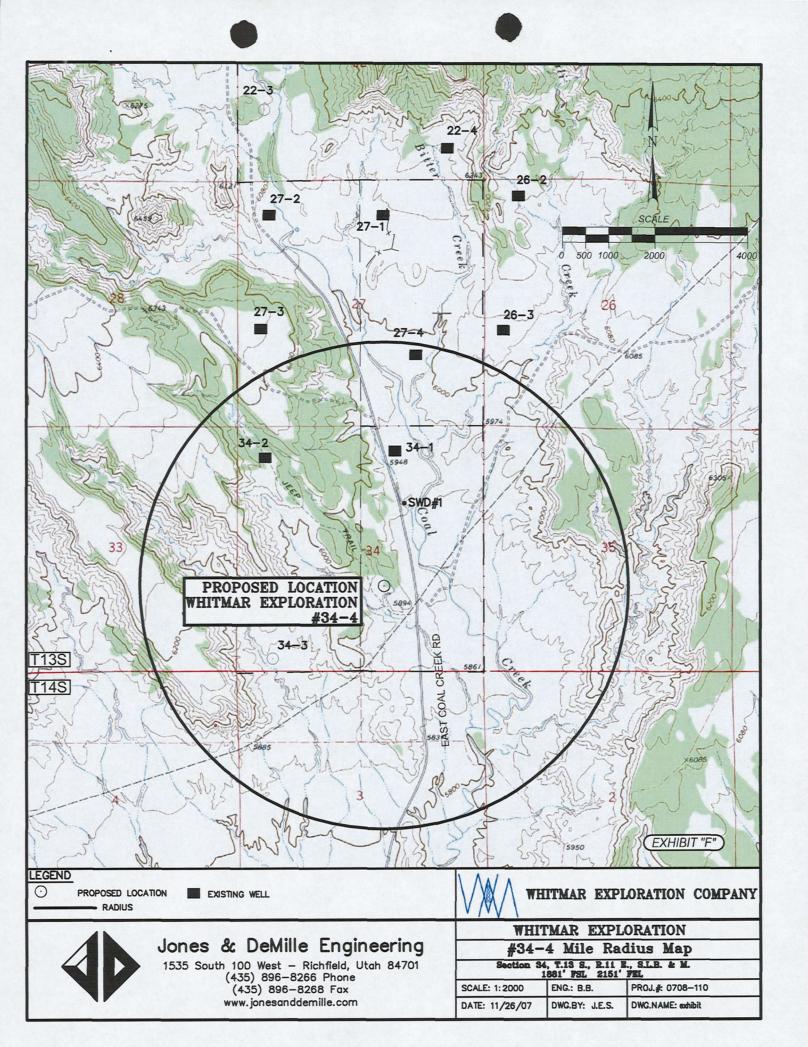
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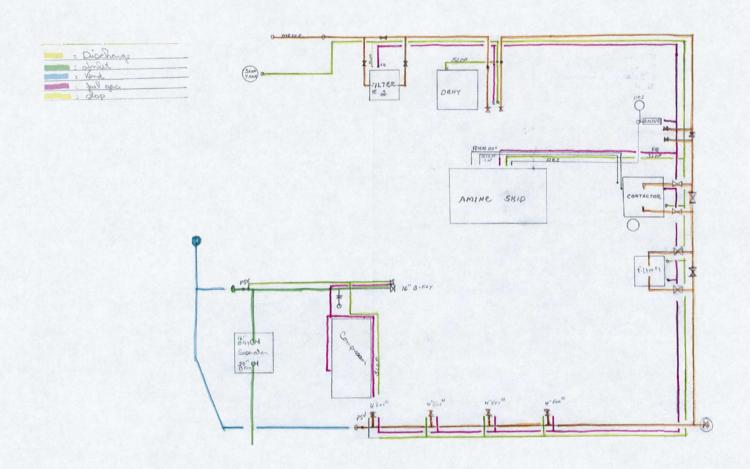
# ACKNOWLEDGEMENT

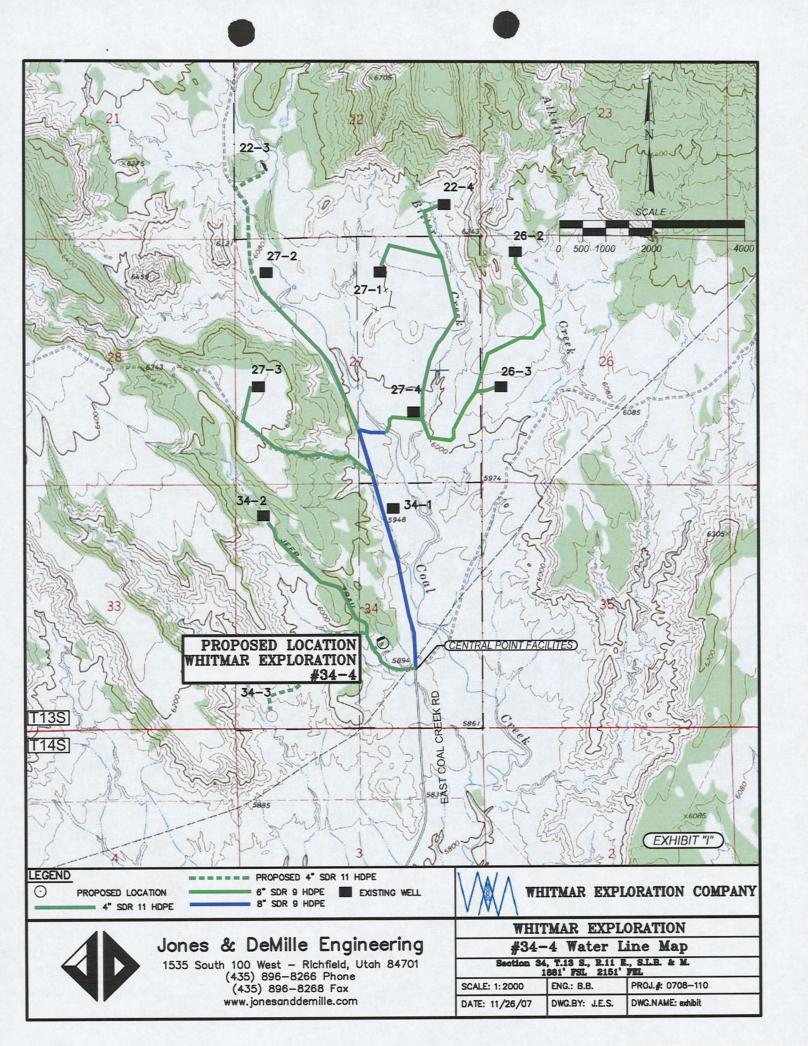
STATE OF Utah 8	
COUNTY OF Carbon δ	
personally known to be the identical person wh	within and for said County and State, on this 12 day of STER C. THAYN AND CAROL LYNN THAYN, to me to executed the within and foregoing instrument and refree and voluntary act and deed for the uses and purposes
written.  DON S. HAMILTON  MOTANY PUBLIC - STATE M UTAH  6500 SOUTH 4750 EAST  PRICE, UTAH 84501  COMM. EXPIRES 5-2-2009  My Commission Expires:	Notary Public, in and for the State ofUlah_
5-2-2009	
STATE OF Colorado 8	
COUNTY OF DENVEY δ	
Before me, the undersigned, a Notary Public December, 2005, personally appeared Exploration Company, an Oklahoma corporation, on b	within and for said County and State, on this day of . WHITNEY H. MARVIN, President of WhitMar ehalf of said corporation.
IN WITNESS WHEREOF, I have hereunto so written.	et my hand and official seal the day and month last above
	Notary Public in and for the State of Colorado
My Commission Expires:	SADAU M CARRETT
August 11, 2009	SARAH M GARRETT Notary Public State of Colorado My Commission Expires August 11, 2009

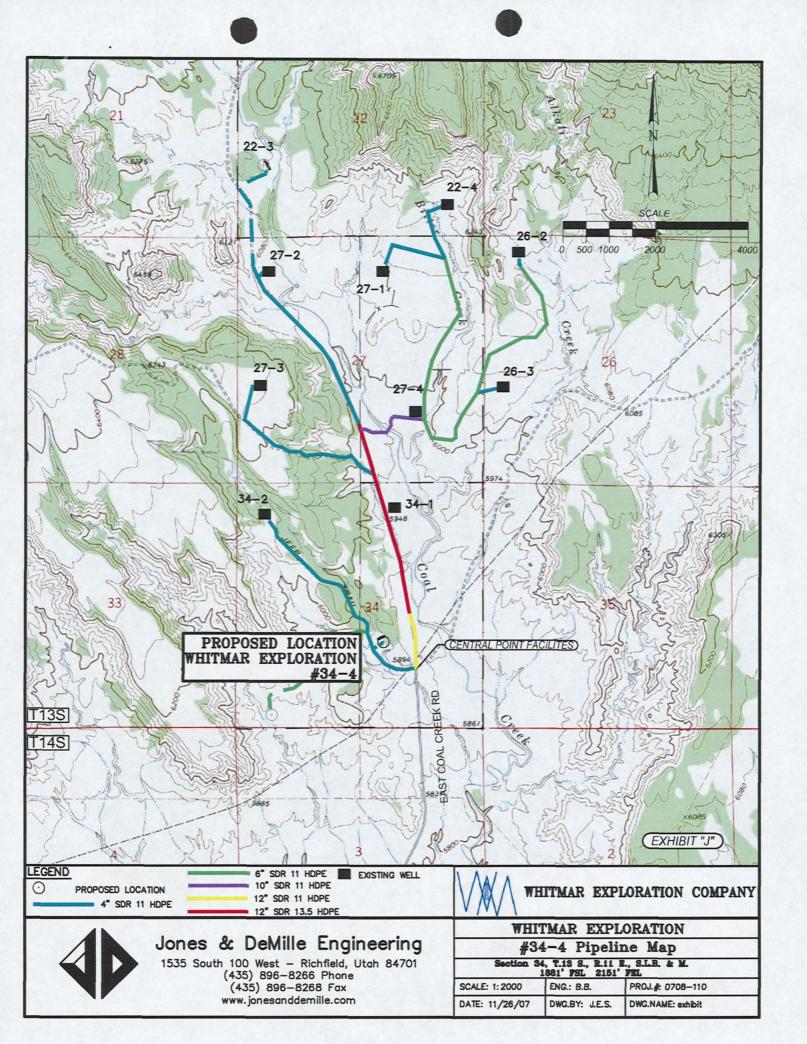


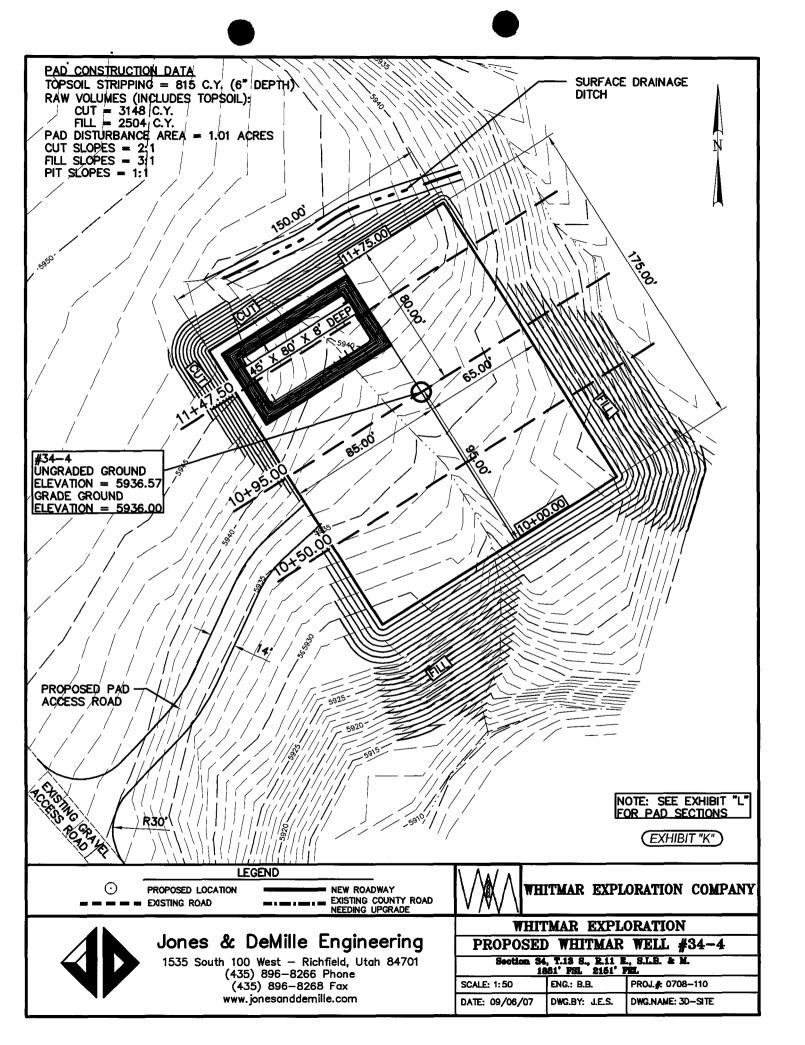


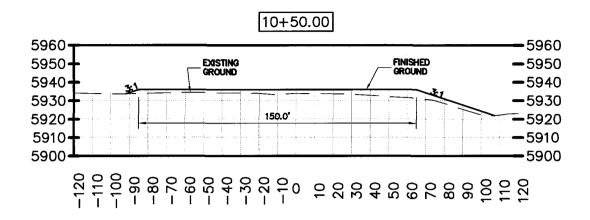


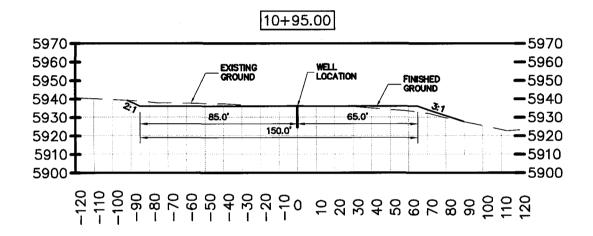


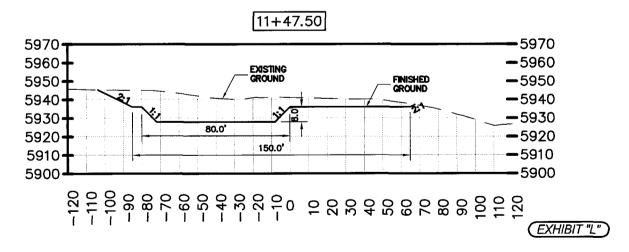












LEGEND  $\odot$ PROPOSED LOCATION **NEW ROADWAY** EXISTING COUNTY ROAD NEEDING UPGRADE **EXISTING ROAD** 



### WHITMAR EXPLORATION COMPANY



# Jones & DeMille Engineering

1535 South 100 West - Richfield, Utah 84701 (435) 896-8266 Phone (435) 896-8268 Fax www.jonesanddemille.com

PROPOSEI	WHITMAR	WELL #34-4
Section 34	, T.13 S., R.11 E 1881' FSL 215	., S.L.B. & M. 1' FEL
SCALE: 1:50	ENG.: B.B.	PROJ.#: 0708-110
DATE: 09/06/07	DWG.BY: J.E.S.	DWG.NAME: 3D-SITE

WHITMAR EXPLORATION

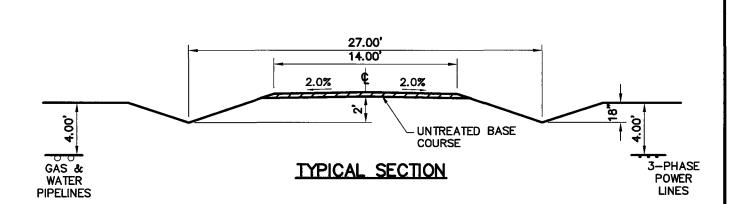


EXHIBIT "M"



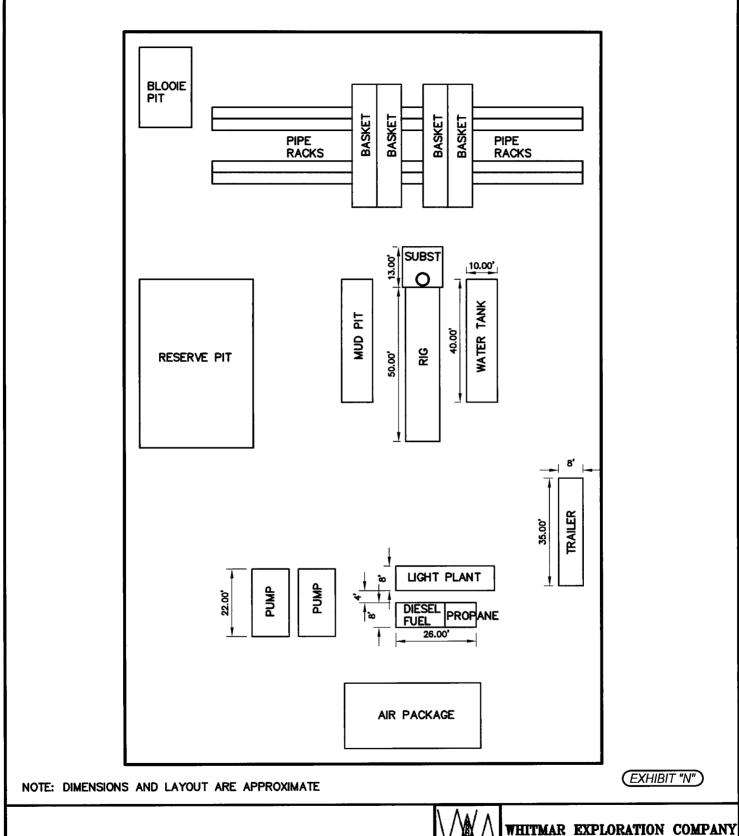
# Jones & DeMille Engineering

1535 South 100 West — Richfield, Utah 84701 (435) 896—8266 Phone (435) 896—8268 Fax www.jonesanddemille.com

	1
	Ξ

### WHITMAR EXPLORATION COMPANY

WHITMAR EXPLORATION					
TYPICAL ROAD SECTION					
DETAIL SHEET					
SCALE: N/A	ENG.: B.B.	PROJ.# 0708-110			
DATE: 09/06/07	DWG.BY: J.E.S.	DWG.NAME: TS-01			



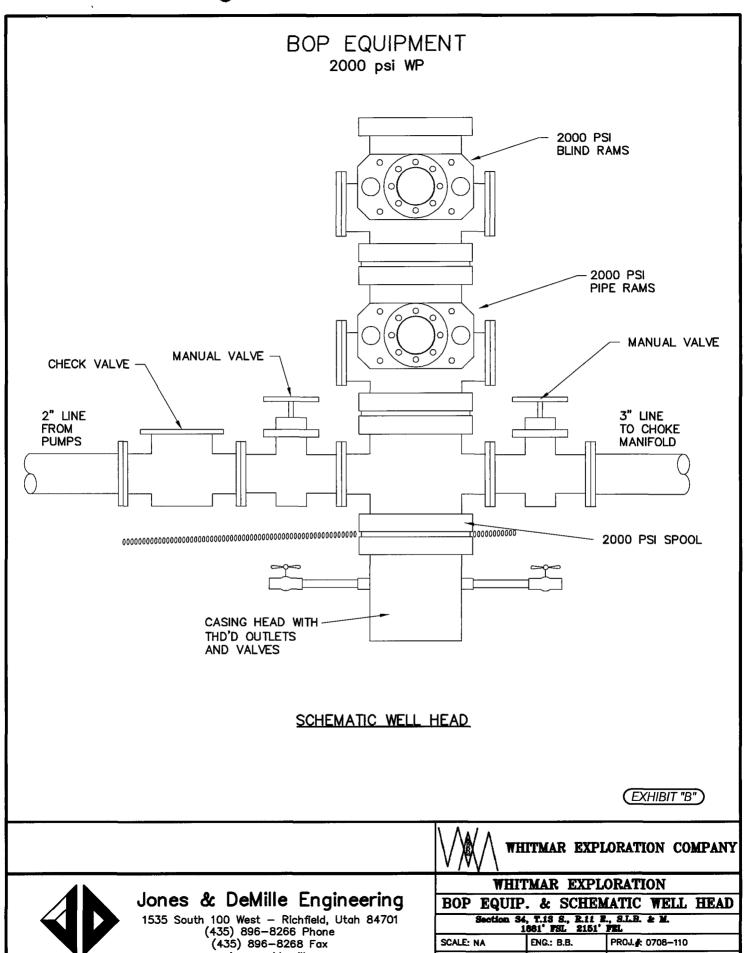


# Jones & DeMille Engineering

1535 South 100 West — Richfield, Utah 84701 (435) 896—8266 Phone (435) 896—8268 Fax www.jonesanddemille.com

$\bigvee$	<b>/</b>		WHITMAR	EXPLORATION	СОМР
		700	PETERNA CATA	TANTO AND	

WHITMAR EXPLORATION					
APPROX. LAYOUT OF RIG & EQUIPMENT					
DETAIL SHEET					
SCALE: N/A	ENG.: B.B.	PROJ.# 0708-110			
DATE: 09/11/07	DWG.BY: J.E.S.	DWG.NAME: TS-01			



SCALE: NA

DATE: 11/26/07

www.jonesanddemille.com

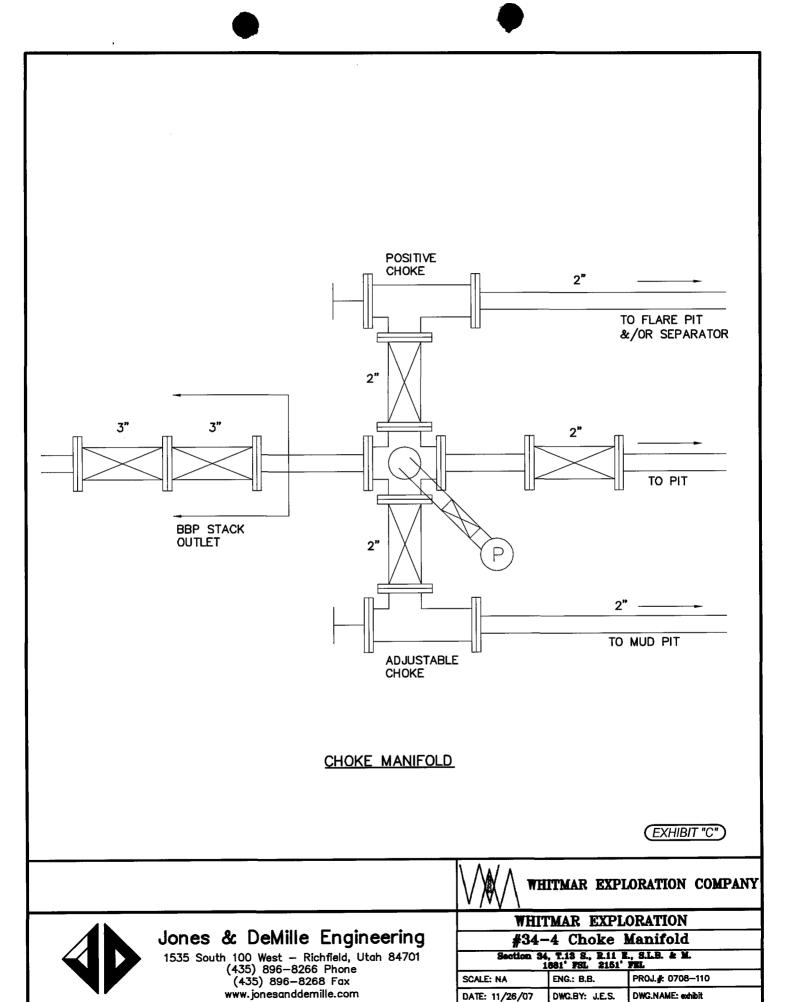
ENG.: B.B.

DWG.BY: J.E.S.

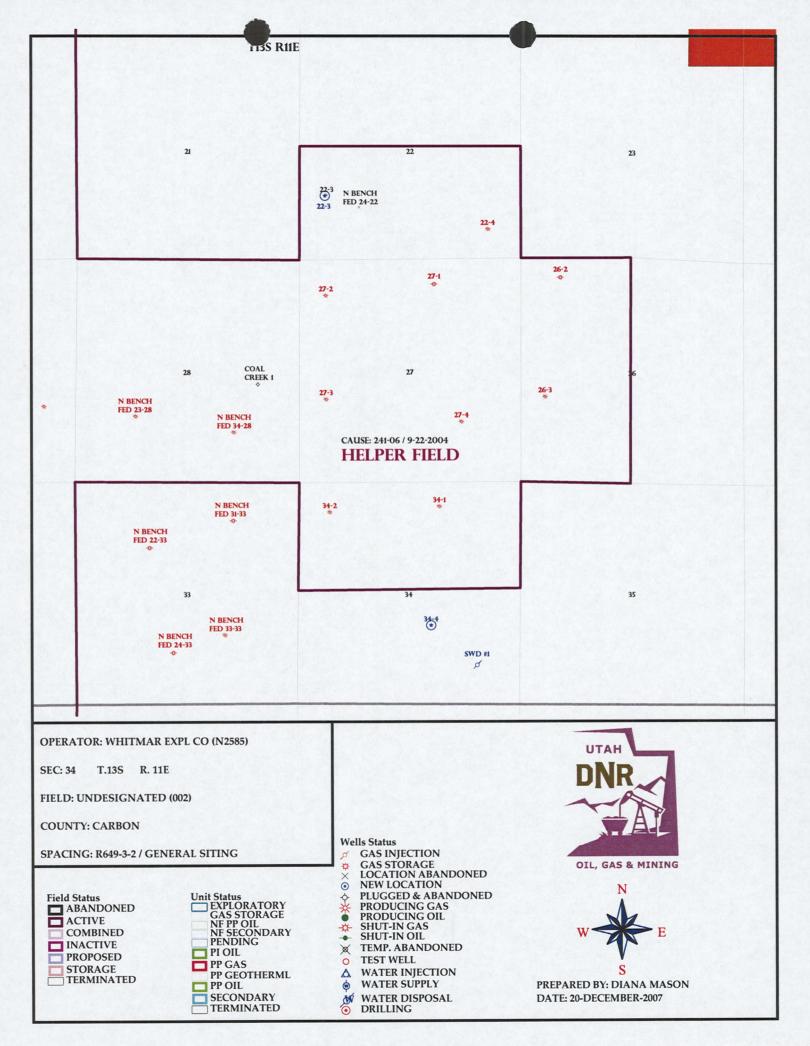
PROJ.# 0708-110

DWG.NAME: exhibit





APD RECEIVED: 12/19/2007	API NO. ASSIGNED: 43-007-31335
	1111 1101 11001 11001
WELL NAME: 34-4	202 001 0400
OPERATOR: WHITMAR EXPLORATION ( N2585 )	PHONE NUMBER: 303-991-9400
CONTACT: HEATHER MITCHELL	
PROPOSED LOCATION:	INSPECT LOCATN BY: / /
NWSE 34 130S 110E SURFACE: 1881 FSL 2151 FEL	Tech Review Initials Date
BOTTOM: 1881 FSL 2151 FEL	Engineering
COUNTY: CARBON LATITUDE: 39.65054 LONGITUDE: -110.6713	Geology
UTM SURF EASTINGS: 528204 NORTHINGS: 4388	Surface
FIELD NAME: UNDESIGNATED ( 2	)
LEASE TYPE: 1 - Federal  LEASE NUMBER: UTU 80556  SURFACE OWNER: 4 - Fee	PROPOSED FORMATION: FRSD COALBED METHANE WELL? NO
RECEIVED AND/OR REVIEWED:	LOCATION AND SITING:
✓ Plat	R649-2-3.
✓ Bond: Fed[1] Ind[] Sta[] Fee[]	
(No. 10419528 )	Unit:
$\mathcal{L}$ Potash $(Y/N)$	R649-3-2. General
Oil Shale 190-5 (B) or 190-3 or 190-13	Siting: 460 From Qtr/Qtr & 920' Between Wells
Water Permit	R649-3-3. Exception
(No. MUNICIPAL )  RDCC Review (Y/N)	Drilling Unit
(Date:	Board Cause No:
Fee Surf Agreement (N/N)	Eff Date: Siting:
Intent to Commingle (Y/N)	R649-3-11. Directional Drill
comments: Leas Qu	esit (01-21-08)
COLLINIO.	
STIPULATIONS:	proc
2- Spacing	
	MENT OF BASIS



# Application for Permit to Drill Statement of Basis

1/29/2008

# Utah Division of Oil, Gas and Mining

Page 1

APD No

Operator

API WellNo

Status

Well Type GW

**Surf Ownr** Ρ

**CBM** No

663

43-007-31335-00-00 WHITMAR EXPLORATION COMPANY

**Surface Owner-APD** 

Well Name 34-4

Unit

Field UNDESIGNATED

Type of Work

Location

NWSE 34 13S 11E S

1881 FSL 2151 FEL GPS Coord (UTM) 528204E 4388814N

### **Geologic Statement of Basis**

Significant volumes of high quality ground water are unlikely to be encountered at this location. A poorly permeable soil is likely to be developed on the Upper Part of the Blue Gate Member of the Mancos Shale. The proposed casing and cementing program should adequately isolate any zones of fresh water that may be penetrated. No subsurface water rights have been filed within a mile of the proposed well site.

Chris Kierst

1/24/2008

**APD Evaluator** 

Date / Time

#### **Surface Statement of Basis**

Reserve pit liner is optional based on pit ranking criteria score. If the operator chooses to use a line it shal be kept in proper functioning condition. If at anytime it is determined liner is in unsatisfactory condition, reserve pit shall be reclaimed immediately. DOGM requires that all activities associated with constructing, drilling, completion and production of well be restricted to permitted access route and well pad. Drainages adjacent will be diverted around and away from proposed well pad.

Mark Jones

1/21/2008

**Onsite Evaluator** 

Date / Time

### **Conditions of Approval / Application for Permit to Drill**

Category

Condition

Surface

Drainages adjacent to the proposed pad shall be diverted around the location.

### Utah Division of Oil, Gas and Mining

Operator

WHITMAR EXPLORATION COMPANY

Well Name

34-4

**API Number** 

43-007-31335-0

**APD No** 663

Field/Unit UNDESIGNATED

Location: 1/4,1/4 NWSE

**Sec** 34

**Tw** 13S

Rng 11E

1881 FSL 2151 FEL

**GPS Coord (UTM)** 528181

4388815

**Surface Owner** 

### **Participants**

M. Jones (DOGM), Ed Rasbold (WhitMar), Lester Thayn (surface owner).

### Regional/Local Setting & Topography

Coal Creek area ~8 miles North of Wellington Utah. Coal Creek drainage. Rolling teriain broken up by ephemeral washes.

### Surface Use Plan

**Current Surface Use** 

Grazing

**New Road** 

Miles

Well Pad

**Src Const Material** 

**Surface Formation** 

0.07

Width 150

Length 175

Onsite

Ancillary Facilities N

### Waste Management Plan Adequate?

### **Environmental Parameters**

Affected Floodplains and/or Wetland N

Flora / Fauna

PJ / sage community.

Soil Type and Characteristics

gravely clay

Erosion Issues Y

erosive upon disturbance.

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required Y

divert drainages around and away from pad.

Berm Required? N

**Erosion Sedimentation Control Required?** N

### Reserve Pit

Site-Specific Factors		Site 1	Ranking	
Distance to Groundwater (feet)	>200		. 0	
Distance to Surface Water (feet)	>1000		0	
Dist. Nearest Municipal Well (ft)	>5280		0	
Distance to Other Wells (feet)	>1320		0	
Native Soil Type	Mod permeability		10	
Fluid Type	Air/mist		0	
Drill Cuttings	Normal Rock		0	
<b>Annual Precipitation (inches)</b>	10 to 20		5	
Affected Populations	<10		0	
<b>Presence Nearby Utility Conduits</b>	Not Present		0	
		Final Score	15	2 Sensitivity Level

### Characteristics / Requirements

Dugout Earthen (80x45x8). Liner optional.

Closed Loop Mud Required? N Liner Required? N Liner Thickness

Pit Underlayment Required? N

# **Other Observations / Comments**

BLM minerals, BLM has already approved location at a BLM pre-site.

Mark Jones

1/21/2008

**Evaluator** 

Date / Time





# Utah Division of Water Rights



There are no features in the query area.

Click on the back button to try again

Please direct questions and comments regarding the map server to: <a href="mailto:leeeschler@utah.gov">leeeschler@utah.gov</a>.

back

close

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Lieutenant Governor



MICHAEL R. STYLER
Executive Director

**Division of Oil Gas and Mining** 

JOHN R. BAZA
Division Director

January 30, 2008

Whitmar Exploration Company 555 17th St., Ste. 880 Denver, CO 80202

Re:

34-4 Well, 1881' FSL, 2151' FEL, NW SE, Sec. 34, T. 13 South, R. 11 East,

Carbon County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-007-31335.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc:

Carbon County Assessor

Bureau of Land Management, Moab Office



Operator:	Whitmar Exploration Company		
Well Name & Number	34-4		
API Number:	43-007-31335		
Lease:	UTU 80556		
Location: NW SE	Sec. 34 T. 13 South	<b>R.</b> 11 East	

## **Conditions of Approval**

## 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

## 2. Notification Requirements

Notify the division within 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

## 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
- 6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Form 3160-3 (February 2005)			OMB No.	PPROVED 1004-0137 arch 31, 2007
UNITED STATES DEPARTMENT OF THE INTERIOR			5. Lease Serial No. UTU 80556	<u></u>
BUREAU OF LAND MAN APPLICATION FOR PERMIT TO			6. If Indian, Allotee	or Tribe Name
AT LIGATION TON PENMIT TO	DRILL ON REENIER		N/A	
la. Type of work:  DRILL  REENT	ER		7 If Unit or CA Agreement, Name and No. N/A	
lb. Type of Well: ☐Oil Well ☐Gas Well ☐Other	Single Zone Multi	ple Zone	8. Lease Name and W	ell No.
Name of Operator     WhitMar Exploration Company			9. API Well No. 43007	31335
3a. Address 555 17th Street, Suite 880 Denver, CO 80202	3b. Phone No. (include area code) 303-991-9400		10. Field and Pool, or E <b>Helper</b>	xploratory
4. Location of Well (Report location clearly and in accordance with ar	ry State requirements.*)		11. Sec., T. R. M. or Bli	c. and Survey or Area
At surface 2151' FEL, 1881' FSL  At proposed prod. zone Same			34-13S-11E	
14. Distance in miles and direction from nearest town or post office* 8.2 mile NE of wellington			12. County or Parish Carbon	13. State UT
15. Distance from proposed* location to nearest 2151 FEL, 1881' FSL	16. No. of acres in lease	17. Spacing	g Unit dedicated to this we	
property or lease line, ft. (Also to nearest drig. unit line, if any)	1640	N/A		
8. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.  2809 S & 209W of 34-1	19. Proposed Depth 3000	20. BLM/E	EIA Bond No. on file	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5936 GL	22 Approximate date work will star 04/15/2008	rt*	23. Estimated duration 10 Days	
	24. Attachments			
he following, completed in accordance with the requirements of Onshor	e Oil and Gas Order No.1, must be a	ttached to this	s form:	
Well plat certified by a registered surveyor.     A Drilling Plan.     A Surface Use Plan (if the location is on National Forest System SUPO must be filed with the appropriate Forest Service Office).	Item 20 above).  Lands, the 5. Operator certific	ation	s unless covered by an ex rmation and/or plans as n	
5. Signature Wall Wall	Name (Printed Typed) Heather Mitchell		D	ate 2/18/20
Operations Coordinator				10110
pproved by (Signature) /3/ % 1/2011 Policion	Name (Printed/Typed)		1	Pate 4/29/08
Assistant Field Manager,	Office Division ( Mcab ໂຄວ	id Caro	r <del>.</del>	
pplication approval/108 ON war and Cosas little (108) licant holds on duct operations thereon. onditions of approval, if any, are attached.	legal or equitable title to those right	ts in the subj	ect lease which would ent	tle the applicant to
itle 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a criates any false, fictitious or fraudulent statements or representations as to	ime for any person knowingly and wo o any matter within its jurisdiction.	villfully to ma	ke to any department or	agency of the United

\*(Instructions on page 2)

## CONDITIONS OF APPROVAL ATTACHED

RECEIVED

MAY 0 5 2008

DIV. OF OIL, GAS & MINING

## Section 34, T.13 S., R.11 E., S.L.B. & M. (\$89°50'W 2654.52' G.L.O.) S89"07'08"W 2654.52" N89'43'11"E 2643.84' FOUND 1965 B.L.M. FOUND 1965 B.L.M. BRASS CAP BRASS CAP EXISTING WELL #34-2 EXISTING WELL #34-1 N0013'35"W 2672.19 G.L.O.) FOUND 1965 B.L.M. BRASS CAP .68 ILESTER PROPRIETO LESTER & CAROL THAYN 2151 F.E.L WHITMAR WELL #34-4 UNGRADED GROUND = 5936.57 BEARING WHITMAR WELL #34-3 UNGRADED GROÜND = 5911.45 FOUND 1965 B.L.M. FOUND 1965 B.L.M. BRASS CAP (DISTURBED) -BRASS CAP N89'45'07"E 2663.21' N89'45'07"E 2663.21 (N89°45'W 5330.16 G.L.O.) FOUND 1965 B.L.M. BRASS CAP BASIS OF BEARINGS

BASIS OF BEARING USED WAS NO0'08'12"W BETWEEN THE SOUTHEAST CORNER AND THE EAST QUARTER CORNER OF SECTION 34, T.13 S., R.11 E., S.L.B. & M. LATITUDE = 39'39'01.7501" (39.65048614) NAD 83 LONGITUDE = -110'40'19.0556" (-110.67195989) NAD 83

## **PROJECT**

## Whitmar Exploration Company

WELL LOCATION, LOCATED AS SHOWN IN THE N.W. 1/4 OF THE S.E. 1/4 OF SECTION 34, T.13 S., R.11 E., S.L.B. & M. CARBON COUNTY, UTAH

### LEGEND

► = SECTION CORNERS LOCATED

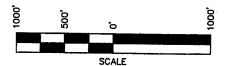
► QUARTER SECTION CORNERS LOCATED

PROPOSED WELL HEAD

NOTE: THE PURPOSE OF THIS SURVEY WAS TO PLAT THE WHITMAR WELL #34-4 LOCATION. LOCATED IN THE N.W. 1/4 OF THE S.E. 1/4 OF SECTION 34, T.13 S., R.11 E., S.L.B. & M., CARBON COUNTY, UTAH.

## BASIS OF ELEVATION

BASIS OF ELEVATION OF 5850' BEING AT THE SOUTHEAST CORNER OF SECTION 34, T.13 S., R.11 E., S.LB. & M. AS SHOWN ON THE U.S.G.S. DEADMAN CANYON QUADRANGLE 7.5 MINUTE SERIES MAP AS 5861'



### CERTIFICATE

THIS IS TO CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION, AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.





## Jones & DeMille Engineering

1535 South 100 West — Richfield, Utah 84701 Phone (435) 896-8266 Fax (435) 898-8268 www.jonesanddemille.com

## Well Location Plat for

## Whitmar Exploration Company

DESIGNED	SURVEYED J.J.	CHECKED T.R.G.	DRAWN C.D.S.	PROJECT NO.	SHEET NO.
DATE 09/14/07		DWG.NAME	SCALE	0708-110	1

WhitMar Exploration Company Well No. 34-4 Lease U-80556 NW/SE Section 34, T13S, R11E Carbon County, Utah

A COMPLETE COPY OF THIS APPROVED PERMIT and Conditions of Approval shall be maintained on location during all construction and drilling operations, and shall be available to contractors to ensure compliance.

## **CONDITIONS OF APPROVAL**

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that WhitMar Exploration Company is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by **UTB000115** (Principal – WhitMar Exploration Company) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

This permit will be valid for a period of two years from the date of approval. After permit termination, a new application must be filed for approval.

All lease operations will be conducted in full compliance with applicable regulations (43 CFR 3100), Onshore Oil and Gas Orders, lease terms, notices to lessees, and the approved plan of operations. The operator is fully responsible for the actions of subcontractors. Failure to comply with the provisions of this permit, including applicable regulations, stipulations, and/or approval conditions, will be considered a violation subject to the enforcement provisions of 43 CFR Subpart 3163.

## A. DRILLING PROGRAM

- 1. The proposed 2M BOPE is adequate for anticipated conditions. Installation, testing and operation of the system shall be in conformance with Onshore Oil and Gas Order No. 2.
- 2. Concurrent approval from the State of Utah, Division of Oil, Gas & Mining (DOGM) is required before conducting any surface disturbing activities.
- 3. When drilling with air, the requirements of Onshore Oil and Gas Order No. 2, part III, E, Special Drilling Operations, shall apply. Among the requirements in this section are:
  - -Rotating head must be in place
  - -Spark arresters
  - -Blooie line discharge 100 feet from wellbore
  - -Straight blooie line
  - -Deduster equipment
  - -Float valve above bit
  - -Automatic igniter on the blooie line
- 4. If cement does not circulate to surface on the production casing, a cement bond log (CBL), or other appropriate tool for determining top-of-cement, shall be run and shall be submitted to BLM.

## **Attachment 1-Surface Use Conditions of Approval**

## <u>34-4</u>

## Site Specific Conditions of Approval

- 1. This well location is within crucial winter range for mule deer and as such is subject to the winter seasonal restriction. No construction/completion/drilling activities are permitted during the following dates (December 1-April 15). This does not apply to routine maintenance or workover operations.
- 2. Any surface structures to remain on lease greater than six months shall be painted in the following flat, earth tone color: Olive Black (5W A 20-6) prior to their installation. This Fuller O'Brien color is for reference only. Any brand of paint may be used provided the colors match. Any facilities that must be painted to comply with OSHA standards are exempt.
- 3. Reserve pits will be closed as soon as possible, but no later than 90 days from time of drilling/well completion, unless the BLM Authorized Officer gives an extension. Squeezing of pit fluids and cuttings is prohibited. Pits must be dry of fluids or they must be removed via vac-truck or other environmentally acceptable method prior to backfilling, re-contouring and replacement of topsoil. Mud and cuttings left in pit must be buried at least 3-feet below re-contoured grade. The operator will be responsible for re-contouring any subsidence areas that develop from closing a pit before it is sufficiently dry.
- 4. Interim reclamation will occur at the time of pit closure and approximately 30% of the well pad will be reclaimed according to the standards outlined below.
- 5. To prevent the introduction of noxious weeds in the area all equipment brought onto location will be power-washed prior to coming into the project area. The operator is responsible for all weed control measures.
- 6. The reserve pit will be lined with an impermeable liner. An impermeable liner is any liner having a permeability of less than 10<sup>-7</sup> cm/sec. The liner will be installed so that it will not leak and will be chemically compatible with all substances that may be put in the pit. Liners made of any man-made synthetic material will be of sufficient strength and thickness to withstand normal installation and pit use. In gravelly or rocky soils, a suitable bedding material such as sand will be used prior to installing the liner.
- 7. All vegetation required to be removed for the construction of the access road and pad should and be stockpiled. To the extent possible this vegetation should not be crushed. Once reclamation activities begin this stockpiled vegetation should be spread over the disturbed area to facilitate reclamation.

## **Standard Conditions of Approval**

## A. General

- 1. The operator shall contact Nathan Sill (435-636-3668) the Price BLM Office at least forty-eight hours prior to the anticipated start of construction and/or any surface disturbing activities. The BLM may require and schedule a preconstruction conference with the operator prior to the operator commencing construction and/or surface disturbing activities. The operator and the operator's contractor, or agents involved with construction and/or any surface disturbing activities associated with the project, shall attend this conference to review the Conditions of Approval and plan of development. The operator's inspector will be designated at the pre-drill conference, and is to be given an approved copy of all maps, permits and conditions of approval before the start of construction. The BLM will also designate a representative for the project at the preconstruction conference.
- 2. The operator shall designate a representative(s) who shall have the authority to act upon and to implement instructions from the BLM. The operator's representative shall be available for communication with the BLM within a reasonable time when construction or other surface disturbing activities are underway.
- 3. If any cultural values [sites, artifacts, human remains] are observed during operation of this lease/permit/right-of-way, they will be left intact and the Price Field Manager notified. The authorized officer will conduct an evaluation of the cultural values to establish appropriate mitigation, salvage or treatment. The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized BLM officer (AO). Within five working days the AO will inform the operator as to:
  - Whether the materials appear eligible for the National Register of Historic Places;
  - The mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and,
  - A time-frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that the required mitigation has been completed, the operator will then be allowed to resume construction measures.

- 4. The operator shall restrict travel on unimproved roads during periods of inclement weather or spring thaw when the possibility exists for excessive surface resource damage (e.g., rutting in excess of 4-inches, travel outside roadway, etc.).
- 5. The Companies will provide geo-referenced spatial data depicting as-built locations of all facilities, wells, roads, pipelines, power lines, and other related facilities to the BLM by November 1 of each year until completion of project construction activities has occurred.
- 6. If any dead or injured threatened, endangered, proposed, or candidate species are located during construction or operation, the BLM Price Field Office (435-636-3600) shall be notified within 24 hours.

## **B.** Construction

- 1. Construction and surface disturbing activities will not be conducted during periods of frozen or saturated soils when watershed damage or excessive rutting is likely to occur.
- 2. Remove all available topsoil from constructed well locations including areas of cut and fill and stockpile at the site. Topsoil will also be salvaged for use in reclamation on all other areas of surface disturbance (roads, pipelines, etc.). Clearly segregate topsoil from excess spoil material. Any topsoil stockpiled for one year or longer will be signed and stabilized in accordance with the BLM.
- 3. Drill pads or facility sites are to be designed to prevent overland flow of water from entering or leaving the site. Storm water collected on disturbed sites will be prevented from flowing off the site and the pad is to be sloped to provide for zero runoff. The drill pad shall be designed to disperse diverted overland flow and to regulate flow velocity so as to prevent or minimize erosion. Well pad diversion outlets shall be equipped with rock energy brakes and gravel-bedded dispersion fans.
- 4. The operator will not push soil material and overburden over side slopes or into drainages. All soil material disturbed will be placed in an area where it can be retrieved without creating additional undue surface disturbance and where it does not impede watershed and drainage flows.
- 5. Construct the backslope no steeper than 1½:1, and construct the foreslope no steeper than 2:1, unless otherwise directed by the BLM Authorized Officer.
- 6. Maintain a minimum 20-foot undisturbed vegetative border between toe-of-fill of pad and/or pit areas and the edge of adjacent drainages, unless otherwise directed by the BLM Authorized Officer.

- 7. Reserve pits will be adequately fenced during and after drilling operations until pit is reclaimed so as to effectively keep out wildlife and livestock. Adequate fencing, in lieu of more stringent requirements by the surface owner, is defined as follows:
  - Construction materials will consist of steel or wood posts. Three or four strand wire (smooth or barbed) fence or hog panel (16-foot length by 50-inch height) or plastic snow fence must be used with connectors such as fence staples, quick-connect clips, hog rings, hose clamps, twisted wire, etc. Electric fences will not be allowed.
  - Construction standards: Posts shall be firmly set in ground. If wire is used, it must be taut and evenly spaced, from ground level to top wire, to effectively keep out animals. Hog panels must be tied securely into posts and one another using fence staples, clamps, etc. Plastic snow fencing must be taut and sturdy. Fence must be at least 2-feet from edge of pit. 3 sides fenced before beginning drilling, the fourth side fenced immediately upon completion of drilling and prior to rig release. Fence must be left up and maintained in adequate condition until pit is closed.
- 8. The reserve pit will be oriented to prevent collection of surface runoff. After the drilling rig is removed, the operator may need to construct a trench on the uphill side of the reserve pit to divert surface drainage around it. If constructed, the trench will be left intact until the pit is closed.
- 9. The reserve pit shall have 2 foot of freeboard maintained at all times to prevent overflow of fluids.
- 10. Culverts will be placed on channel bottoms on firm, uniform beds, which have been shaped to accept them, and aligned parallel to the channel to minimize erosion. Backfill will be thoroughly compacted.
- 11. The minimum diameter for culverts will be 18 inches. However, all culverts will be appropriately sized in accordance with standards in BLM Manual 9113.
- 12. Construction and other project-related traffic will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- 13. Maximum design speed on all operator-constructed and maintained roads will not exceed 25 miles per hour and all access roads and well location speed limits will not exceed 15 miles per hour.
- 14. Pipeline construction shall not block nor change the natural course of any drainage. Pipelines shall cross perpendicular to drainages. Pipelines shall not be run parallel in drainage bottoms. Suspended pipelines shall provide adequate clearance for maximum runoff.

- 15. Pipeline trenches shall be compacted during backfilling. Pipeline trenches shall be routinely inspected and maintained to ensure proper settling, stabilization and reclamation.
- 16. The operator shall submit a Sundry Notice (Form 3160-5) to BLM for approval prior to construction of any new surface disturbing activities that are not specifically addressed in the approved APD.
- 17. In the event construction can't be completed prior to winter closures, measures to prevent erosion from upcoming spring snowmelt should be taken as follows:
  - a. Loose earth and debris must be removed from drainages, and flood plains. Earth and debris should not be stockpiled on drainage banks.
  - b. Road drainages should be checked to ensure there are none with uncontrolled outlet.
  - c. Be sure all ditch drainages have an outlet to prevent ponding. If necessary, build temporary sediment ponds to capture runoff from unreclaimed areas. Re-route ditches as needed to avoid channeling water through loosened soil.

## C. Operations/Maintenance

- 1. If in the process of air drilling the wells there is a need to utilize mud, all circulating fluids will be contained either in an approved pit or in an aboveground containment tank. The pit or containment tank will be large enough to safely contain the capacity of all expected fluids without danger of overflow.
- 2. All waste, other than human waste and drilling fluids, will be contained in a portable trash cage. This waste will be transported to a State approved waste disposal site immediately upon completion of drilling operations. No trash or empty barrels will be placed in the reserve pit or buried on location. All state and local laws and regulations pertaining to disposal of human and solid waste will be complied with.
- 3. Rat and mouse holes shall be filled and compacted from the bottom to the top immediately upon release of the drilling rig from the location.
- 4. The operator will be responsible for prevention and control of noxious weeds and weeds of concern on all areas of surface disturbance associated with this project (well locations, roads, water management facilities, etc.) Use of pesticides shall comply with the applicable Federal and State laws. Pesticides shall be used only in accordance with their registered uses and within limitations imposed by the Secretary of Interior. Prior to the use of pesticides on public land, the holder shall obtain from the BLM authorized officer written approval of a plan showing the type and quantity of material to be used, pest(s) to be controlled, method of application, location of storage and disposal of containers, and any other information deemed necessary by the authorized officer to such use.

- 5. The operator and their contractors shall ensure that all use, production, storage, transport and disposal of hazardous and extremely hazardous materials associated with the drilling, completion and production of these wells will be in accordance with all applicable existing or hereafter promulgated federal, state and local government rules, regulations and guidelines. All project-related activities involving hazardous materials will be conducted in a manner to minimize potential environmental impacts. In accordance with OSHA requirements, a file will be maintained onsite containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds and/or substances which are used in the course of construction, drilling, completion and production operations.
- 6. Hydrocarbons shall be put in test tanks on location during completion work. Produced water will be put in the reserve pit during completion work per Onshore Order #7.
- 7. The only fluids/waste materials which are authorized to go into the reserve pit are RCRA exempt exploration and production wastes. These include:
  - drilling muds & cuttings
  - rigwash
  - excess cement and certain completion & stimulation fluids defined by EPA as exempt

It does not include drilling rig waste, such as:

- spent hydraulic fluids
- used engine oil
- used oil filter
- empty cement, drilling mud, or other product sacks
- empty paint, pipe dope, chemical or other product containers
- excess chemicals or chemical rinsate

Any evidence of non-exempt wastes being put into the reserve pit may result in the BLM Authorized Officer requiring specific testing and closure requirements.

8. If this well is drilled during the fire season (June-October), the operator shall institute all necessary precautions to ensure that fire hazard is minimized, including but not limited to mowing vegetation on the access route(s) and well location(s), keeping fire fighting equipment readily available when drilling, etc.

## D. Producing Well

- 1. Landscape those areas not required for production to the surrounding topography as soon as possible.
- 2. Reduce the backslope to 2:1 and the foreslope to 3:1, unless otherwise directed by the BLM Authorized Officer. Reduce slopes by pulling fill material up from foreslope into the toe of cut slopes.

- 3. Production facilities (including dikes) must be placed on the cut portion of the location and a minimum of 15 feet from the toe of the back cut unless otherwise approved by the BLM Authorized Officer.
- 4. Any spilled or leaked oil, produced water or treatment chemicals must be reported in accordance with NTL-3A and immediately cleaned up in accordance with BLM requirements. This includes clean-up and proper disposition of soils contaminated as a result of such spills/leaks.
- 5. Distribute stockpiled topsoil evenly over those areas not required for production and reseed as recommended.
- 6. Upgrade and maintain access roads and drainage control (e.g., culverts, drainage dips, ditching, crowning, surfacing, etc.) as necessary and as directed by the BLM Authorized Officer to prevent soil erosion and accommodate safe, environmentally-sound access.
- 7. Prior to construction of production facilities not specifically addressed in the APD, the operator shall submit a Sundry Notice to the BLM Authorized Officer for approval.
- 8. If not already required prior to constructing and drilling the well location, the operator shall immediately upgrade the entire access road to BLM standards (including topsoiling, crowning, ditching, drainage culverts, surfacing, etc.) to ensure safe, environmentally-sound, year-round access. This requirement does not supercede or apply where specific road requirements are addressed in the APD/POD surface use plan (e.g., two track road, spot upgrade, etc.)
- 9. Waterbars shall be installed on all reclaimed pipeline corridors per the guidelines in F #12.

## E. Roads and Pipelines

- 1. Roads constructed on BLM lands would be constructed to allow for drainage and erosion control. The operator is responsible for maintenance of all roads authorized through the lease or right-of-way. Construction and maintenance shall comply with Class III Road Standards with a 16-ft wide graveled travel surface as described in BLM Manual Section 9113, the BLM Gold Book standards and the Moab District Road Standards, except as modified by BLM. Maintenance may include but is not limited to grading, applying gravel, snow removal, ditch cleaning, and headcut restoration/prevention.
- 2. Topsoil from access roads and pipelines are to be wind rowed along the uphill side of the road or stored in an approved manner. When the road and pipeline is rehabilitated, this soil will then be used as a top coating for the seed bed.

- 3. The operator shall provide an inspector under the direction of a registered professional engineer (PE) at all times during road construction. A PE shall certify (statement with PE stamp) that the road was constructed to the required Bureau of Land Management (BLM) road standards.
- 4. Erosion-control structures such as water bars, diversion channels, and terraces will be constructed to divert water and reduce soil erosion on the disturbed area. Road ditch turnouts shall be equipped with energy dissipaters as needed to avoid erosion. Where roads interrupt overland sheet-flow and convert this runoff to channel flow, ditch turnouts shall be designed to reconvert channel flow to sheet flow. Rock energy dissipaters and gravel dispersion fans may be used, or any other design which would accomplish the desired reconversion of flow regime. As necessary cut banks, road drainages, and road crossings shall be armored or otherwise engineered to prevent headcutting.

## F. Dry Hole/Reclamation

- 1. Disturbed lands will be re-contoured back to conform with existing undisturbed topography.
- 2. Before the location has been reshaped and prior to redistributing the topsoil, the operator will rip or scarify the drilling platform and access road on the contour, to a depth of at least 12 inches. The rippers are to be no farther than 24 inches apart.
- 3. Distribute the topsoil evenly over the entire location and other disturbed areas. Prepare the seedbed by disking to a depth of 4-to-6 inches following the contour.
- 4. Phased reclamation plans will be submitted to BLM for approval prior to individual POD facility abandonment via a Notice of Intent (NOI) Sundry Notice. Individual facilities, such as well locations, pipelines, discharge points, impoundments, etc. need to be addressed in these plans as they are no longer needed. Individual items that will need to be addressed in reclamation plans include:
  - Pit closure (Close ASAP after suitably dry, but no later than 90 days from time of drilling unless an extension is given by BLM Authorized Officer.) BLM may require closure prior to 90 days in some cases due to land use or environmental concerns.
  - Configuration of reshaped topography, drainage systems, and other surface manipulations
  - Waste disposal
  - Revegetation methods, including specific seed mix (pounds pure live seed/acre) and soil treatments (seedbed preparation, fertilization, mulching, etc.). On private surface, the landowner should be consulted for the specific seed mix.

- Other practices that will be used to reclaim and stabilize all disturbed areas, such as water bars, erosion fabric, hydro-mulching, etc.
- An estimate of the timetables for beginning and completing various reclamation operations relative to weather and local land uses.
- Methods and measures that will be used to control noxious weeds, addressing both ingress and egress to the individual well or POD.
- Decommissioning/removal of all surface facilities
- 5. BLM will not release the performance bond until all disturbed areas associated with the APD/POD have been successfully revegetated (evaluation will be made after the second complete growing season) and has met all other reclamation goals of the surface owner and surface management agency.
- 6. A Notice of Intent to Abandon and a Subsequent Report of Abandonment must be submitted for abandonment approval.
- 7. For performance bond release approval, a Final Abandonment Notice (with a surface owner release letter on split-estate) must be submitted prior to a final abandonment evaluation by BLM.
- 8. Soil fertility testing and the addition of soil amendments may be required to stabilize some disturbed lands.
- 9. Any mulch utilized for reclamation needs to be certified weed free.
- 10. Waterbars are to be constructed at least one (1) foot deep, on the contour with approximately two (2) feet of drop per 100 feet of waterbar to ensure drainage, and extended into established vegetation. All waterbars are to be constructed with the berm on the downhill side to prevent the soft material from silting in the trench. The initial waterbar should be constructed at the top of the backslope. Subsequent waterbars should follow the following general spacing guidelines:

Slope	Spacing Interval
(percent)	(feet)
<u>≤2</u>	200
2 - 4	100
4 - 5	75
≥ 5	50

## C. REQUIRED APPROVALS, REPORTS AND NOTIFICATIONS

Required verbal notifications are summarized in Table 1, attached.

<u>Building Location</u>- Notify the Price Field Office at least 48-hours prior to commencing construction of location.

<u>Spud-</u> Notify the Price Field Office 24-hours prior to spud. Submit written notification of spud (Sundry Notice, Form 3160-5) to the Moab Field Office within 24-hours after spud, regardless of whether spud was made with a dry hole digger or big rig.

<u>Daily Drilling Reports</u>- Daily drilling reports that describe the progress and status of the well shall be submitted to the Moab Field Office on a weekly basis. This report may be in any format customarily used by the operator.

Oil and Gas Operations Reports (OGORs)- Production from this well shall be reported to Minerals Management Service (MMS) on a monthly basis.

<u>Sundry Notices</u>- Any modification to the proposed drilling program shall be submitted to the Moab Field Office on a Sundry Notice (Form 3160-5). Regulations at 43 CFR 3162.3-2 describe which operations require prior approval, and which require notification.

<u>Drilling Suspensions</u>- Operations authorized by this permit shall not be suspended for more than 30 days without prior approval of the Moab Field Office. All conditions of this approval shall be applicable during any operations conducted with a replacement rig.

<u>Undesirable Events</u>- Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be immediately reported to the BLM in accordance with requirements of NTL-3A.

<u>Cultural Resources</u>- If cultural resources are discovered during construction, immediately notify the Price Field Office, and work that might disturb the cultural resources shall cease.

<u>First Production</u>- A first production conference will be scheduled as soon as the productivity of the well is apparent. This conference should be coordinated through the Price Field Office.

Notify the Moab Field Office when the well is placed into production. Initial notification may be verbal, but must be confirmed in writing within five business days. Please include the date production started, the producing formation and production volumes.

Well Completion Report- Whether the well is completed as a dry hole or as a producer, a *Well Completion or Recompletion Report and Log* (Form 3160-4) shall be submitted to the Moab Field Office within thirty-days after completion of the well. Two copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. When requested, samples (cuttings and/or samples) will be submitted to the Moab Field Office.

<u>Venting/Flaring of Gas</u>- Gas produced from this well may not be vented/flared beyond an initial, authorized test period of 30 days or 50 MMcf, whichever first occurs, without the prior, written approval of the Moab Field Office. Should gas be vented or flared without approval beyond the authorized test period, the well may be ordered to be shut-in until the gas can be captured or until approval to continue the venting/flaring pursuant to NTL-4A is granted. Compensation shall be due for gas that is vented/flared without approval.

<u>Produced Water-</u> An application for approval of a permanent disposal method and location will be submitted to the Moab Field Office for approval pursuant to Onshore Oil and Gas Order No.7.

Off-Lease Measurement, Storage, Commingling- Prior approval must be obtained from the Moab Field Office for off-lease measurement, off-lease storage and/or commingling of production prior to the sales measurement point. The term "commingling" describes both the combining of production from different geologic zones and/or combining production from different leases or agreement areas.

<u>Plugging and Abandonment</u>- If the well is a dry hole, plugging instructions must be obtained from the Moab Field Office prior to initiating plugging operations.

A "Subsequent Report of Abandonment" (Sundry Notice, Form 3160-5) will be filed with the Moab Field Office within thirty-days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Price Field Office or the appropriate surface managing agency.

## TABLE 1

## **NOTIFICATIONS**

Notify Walton Willis (435-636-3662), Randy Knight (435-636-3615), Don Stephens (435-636-3608) or Nathan Sill (435-636-3668) of the BLM Price Field Office for the following:

- 2 days prior to starting dirt work, construction and reclamation (Stephens or Sill);
- 1 day prior to spud (Stephens or Sill);
- 24 hours prior to reaching the surface casing setting depth (Willis or Knight);
- 24 hours prior to testing BOP equipment (Willis or Knight).

If the person at the above number cannot be reached, notify the BLM Moab Field Office at 435-259-2100.

Well abandonment operations require 24-hour advance notice and prior approval. In the case of newly drilled dry holes, verbal approval can be obtained from:

Eric Jones, Petroleum Engineer

Office: 435-259-2117 Home: 435-259-2214

STATE OF UTAH	FORM 9
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU 80556
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reer drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER:
2. NAME OF OPERATOR:	9. API NUMBER:
WhitMar Exploration Company	4300731335 IE NUMBER: 10, FIELD AND POOL, OR WILDCAT:
0. 1001ta000; 0: 2:4:10:1	(3) 991-9400 Helper
4. LOCATION OF WELL	and an
FOOTAGES AT SURFACE: 2151' FEL, 1881' FSL	COUNTY: Carbon
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 34 13S 11E	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF I	NOTICE, REPORT, OR OTHER DATA
TYPE OF SUBMISSION TYPE (	OF ACTION
NOTICE OF INTENT	REPERFORATE CURRENT FORMATION
(Submit in Duplicate) ALTER CASING FRACTURETREAT	
Approximate date work will start: CASING REPAIR NEW CONSTRUCT	
CHANGE TO PREVIOUS PLANS OPERATOR CHAN	<b>=</b>
CHANGE TUBING PLUG AND ABAND	
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK (Submit Original Form Only)	WATER DISPOSAL  ARTIRESUME) WATER SHUT-OFF
Date of work completion:	· · · · · · · · · · · · · · · · · · ·
COMMINGLE PRODUCING FORMATIONS RECLAMATION OF	FWELL SITE OTHER: Extend State Permit  IFFERENT FORMATION
WhitMar Exploration Company hereby requests a one (1) year extension of	the state permit for the 34-4
This is the first extension that has been requested.	
Approved by the Utah Division of Oil, Gas and Mining	
Date: 02-23-09  By:	COPY SENT TO OPERATOR  Date: 3.4.2009  Initials: K-5
NAME (PLEASE PRINT) TATTINGLY L. Garrett	Operations Coordinator

(This space for State use only)

DATE



# Application for Permit to Drill Request for Permit Extension Validation (this form should accompany the Sundry Notice requesting permit extension)

API: 4300731335  Well Name: 34-4  Location: NW/SE Section:  Company Permit Issued to  Date Original Permit Issue	: WhitMar Exploration Comp	any
The undersigned as owner valove, hereby verifies that the approved application to drill,	ne information as submitted	d in the previously
Following is a checklist of so verified.	me items related to the ap	plication, which should be
If located on private land, ha agreement been updated? Y		if so, has the surface
Have any wells been drilled the spacing or siting require		
Has there been any unit or opermitting or operation of thi		
Have there been any change of-way, which could affect the		
Has the approved source of	water for drilling changed?	Yes□No☑
Have there been any physic which will require a change i evaluation? Yes□No☑		
Is bonding still in place, which	h covers this proposed we	ll? Yes☑No□
Signature Sax	celf_	<i>Z</i> − <i>18</i> − <i>09</i>
Title: Operations Coordinator	<del></del>	
Representing: WhitMar Expl	oration Company	RECEIVED FEB 2 3 2009

DIV OF OIL GAD & MARING

STATE OF UTAH	DRM 9
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING  5.LEASE DESIGNATION AND SERIAL NU UTU 80556	1BER:
SUNDRY NOTICES AND REPORTS ON WELLS  6. IF INDIAN, ALLOTTEE OR TRIBE NAM	E:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.  7.UNIT or CA AGREEMENT NAME:	
1. TYPE OF WELL Gas Well 8. WELL NAME and NUMBER: 34-4	
2. NAME OF OPERATOR: WHITMAR EXPLORATION COMPANY  9. API NUMBER: 43007313350000	
3. ADDRESS OF OPERATOR: PHONE NUMBER: 9. FIELD and POOL or WILDCAT: UNDESIGNATED UNDESIGNATED	
4. LOCATION OF WELL FOOTAGES AT SURFACE:  1881 FSL 2151 FEL  COUNTY: CARBON	
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 34 Township: 13.0S Range: 11.0E Meridian: S  UTAH	
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	
TYPE OF SUBMISSION TYPE OF ACTION	
☐ ACIDIZE ☐ ALTER CASING ☐ CASING REPAIR	
✓ NOTICE OF INTENT       Approximate date work will start:     □ CHANGE TO PREVIOUS PLANS     □ CHANGE TUBING     □ CHANGE WELL NAME	
$9/1/2010$ $\Box$ change well status $\Box$ commingle producing formations $\Box$ convert well type	
□ SUBSEQUENT REPORT □ DEEPEN □ FRACTURE TREAT □ NEW CONSTRUCTION	
Date of Work Completion:  OPERATOR CHANGE  PLUG AND ABANDON  PLUG BACK	
PRODUCTION START OR RESUME RECLAMATION OF WELL SITE RECOMPLETE DIFFERENT FORMATION	
SPUD REPORT Date of Spud: REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARY ABANDON	
☐ TUBING REPAIR ☐ VENT OR FLARE ☐ WATER DISPOSAL	
☐ DRILLING REPORT ☐ WATER SHUTOFF ☐ SI TA STATUS EXTENSION ✓ APD EXTENSION	
Report Date:  WILDCAT WELL DETERMINATION OTHER:  OTHER:	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.	$\neg$
WhitMar Exploration Company hereby requests a one (1) year extension of the state permit for the 34-4. This is the second extension that has been <b>Approved by the</b>	
the state permit for the 34-4. This is the second extension that has been requested.  Approved by the Utah Division of	
Oil, Gas and Mining	
Date: February 16, 2010	—
By: Ballylll	
	-
NAME (PLEASE PRINT) Tammy L Garrett  303 991-9400  PHONE NUMBER Operations Coordinator	
SIGNATURE         DATE           N/A         2/9/2010	



## The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

## Request for Permit Extension Validation Well Number 43007313350000

**API:** 43007313350000

Well Name: 34-4

Location: 1881 FSL 2151 FEL QTR NWSE SEC 34 TWNP 130S RNG 110E MER S

Company Permit Issued to: WHITMAR EXPLORATION COMPANY

**Date Original Permit Issued:** 1/30/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

• If loca	sion. Following is a check ated on private land, has t ed?  Yes  No			• •	•		
	any wells been drilled in t requirements for this loc			d well whicl	າ would af	fect the spaci	ng or
	nere been any unit or others proposed well?		nts put in place	that could	affect the	permitting or	operatio
	there been any changes t the proposed location?(			ıg ownershi	p, or right	of- way, whic	h could
• Has tl	ne approved source of wa	ter for drilli	ing changed?(	Yes 📵	No		
	there been any physical c le in plans from what was					which will requ	uire a
• Is boı	nding still in place, which	covers this	proposed well?	? 📵 Yes	No U	oproved by t tah Division Gas and Mi	of
Signature:	Tammy L Garrett	Date:	2/9/2010				
	Operations Coordinator <b>Re</b>			ORATION CO	MPate:	February 16.	, 2010
	- p					-0 (1/1)	

By: Dolly

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER:
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, r drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL  OIL WELL  GAS WELL  OTHER	8. WELL NAME and NUMBER:
2. NAME OF OPERATOR:	9. API NUMBER: 3 _
Whitmar Exploration Company	4300731385
•	ione number: 10. Field and Pool, or wildcat: East Helper
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2151 "FEL 1881" FSL	COUNTY: Carbon County
	•
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SEC 34-135-11E	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF	NOTICE, REPORT, OR OTHER DATA
	E OF ACTION
NOTICE OF INTENT (Submit in Duplicate)  ACIDIZE  DEEPEN  DEEPEN  FRACTURE TR	EAT REPERFORATE CURRENT FORMATION  SIDETRACK TO REPAIR WELL
(Submit in Duplicate)	
CHANGE TO PREVIOUS PLANS OPERATOR CH	
CHANGE TUBING PLUG AND ABA	homes! posture
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK	WATER DISPOSAL
(Submit Original Form Only)	(START/RESUME) WATER SHUT-OFF
Date of work completion:	OF WELL SITE
CONVERT WELL TYPE RECOMPLETE	- DIFFERENT FORMATION <b>extension</b>
12 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details include	ding dates, depths, volumes, etc.
Requesting extension on drilling pr	cmit for 34-4.
Requesting extension on drilling proposed or completed operations. Clearly show all pertinent details include the complete operations. Clearly show all pertinent details include the complete operations. Clearly show all pertinent details include the complete operations. Clearly show all pertinent details include the complete operations. Clearly show all pertinent details include the complete operations. Clearly show all pertinent details include the complete operations. Clearly show all pertinent details include the complete operations. Clearly show all pertinent details include the complete operations. Clearly show all pertinent details include the complete operations.	2008 COPY SENT TO OPERATOR
	Date: 3.7.2011
Approved by the Utah Division of	A
Utah Division of	Initials: K5
Oil, Gas and Mining	
The second of th	
Date: 07-73-1(	
San E CONTINA	
By:	
NAME (PLEASE PRINT) SAMONTHOL MOOCIO TITLE SIGNATURE DATE	Office Administrator
SIGNATURE DATE	2/16/11
(This space for State use only)	
	OF N/FD

RECEIVED FEB 2 2 2011

# Application for Permit to Drill Request for Permit Extension Validation (this form should accompany the Sundry Notice requesting permit extension) 3 43007313455 34-4

API:

Well Name: 34-9 Location: (arbon Co utan Company Permit Issued to: Whitmar Exploration Co. Date Original Permit Issued: 1/30/2008
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Following is a checklist of some items related to the application, which should be verified.
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes□No□C
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes□No⊠î
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No□
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes□No ☐
Has the approved source of water for drilling changed? Yes□No⊠
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes \(\sigma\) No \(\sigma\)?
Is bonding still in place, which covers this proposed well? Yes ⊠No □
2/16/11   Date
Title: Office Administrator
Representing: Withat Exployation



## State of Utah DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER

Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

June 15, 2012

Whitmar Exploration Company 555 17<sup>th</sup> St, Suite 880 Denver, CO 80202

Re:

<u>APD Rescinded – 34-4, Sec. 34, T.13S, R. 11E</u> <u>Carbon County, Utah API No. 43-007-31335</u>

## Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on January 30, 2008. On February 23, 2009, February 16, 2010 and February 23, 2011 the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective June 14, 2012.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason

Environmental Scientist

cc:

Well File

Bureau of Land Management, Price



Form 3160-5 (August 2007)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
 Expires: July 31, 2010

5. Lease Serial	NI.
D. Lease Serial	INO.
1.171.100550	
LU LU80556	
l UTU80556	

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.				6. If Indian, Allottee or Tribe Name N/A	
SUBMIT IN TRIPLICATE - Other instructions on page 2.				7. If Unit of CA/Agreement, Name and/or No.	
1. Type of Well Oil Well  Gas Well Other				8. Well Name and No. 34-4	
3a. Address 555 17th Street, Suite 880, Denver, Colorado 80202		3b. Phone No. (include area code)		10. Field and Pool or Exploratory Area	
		303-991-9400		Helper	
4. Location of Well <i>(Footage, Sec., T.,R.,M., or Survey Description)</i> 2151*FEL, 1881*FSL; 34-135-11E				11. Country or Parish, State	
2151*FEL, 1881*FSL; 34-13S-11E				Utah	
12. CHE	CK THE APPROPRIATE BO	OX(ES) TO INDICATE NATUR	RE OF NOTIO	CE, REPORT OR OTH	ER DATA
TYPE OF SUBMISSION	TYPE OF ACT			ION	
Nation of trains	Acidize	Deepen	Prod	uction (Start/Resume)	☐ Water Shut-Off
Notice of Intent	Alter Casing	Fracture Treat	Reclamation		Well Integrity
	Casing Repair	New Construction	Recomplete		Other Permit Extension
Subsequent Report	Change Plans	Plug and Abandon	Temp	oorarily Abandon	
Final Abandonment Notice	Convert to Injection	Plug Back	☐ Wate	r Disposal	
13. Describe Proposed or Completed C the proposal is to deepen direction	nally or recomplete horizontal	ly, give subsurface locations and	d measured ar	id true vertical depths o	k and approximate duration thereof. If of all pertinent markers and zones.

following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

WhitMar Exploration Company hereby requests an extension of the drilling permit for the 34-4. This is the first extension that has been requested. The State permit is good through February 19, 2011.

APPROVED

RECEIVED MAY 0 3 2010

DIV. OF OIL, GAS & MINING

Whitmer Exploration's request is approved and a one- 14. I hereby certify that the foregoing is trul and correct. Name (Printed Typed)	time extusion is a randed through 4/29/2012.				
14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Tammy L Garrett	<u> </u>				
Title	Operations Coordinator				
Signature MM Sarketh Date	4-19-10				
THIS SPACE FOR FEDERAL OR STATE OFFICE USE					
Approved by Manny Heuledes	Petroleum Engineer Date APR 2 7 2010				
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office PRICE FIELD OFFICE				

(Instructions on page 2)

fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false,